

TRAFFIC CONTROL PLAN AND SPECIFICATIONS PURSUANT TO G.3.3 SAFETY

Unless otherwise agreed, the following measures are required to provide adequate warning of hazards for users of roads and trails adjacent to Contractor's Operations.

Part I. Signing and Other Warning Methods:

(a) Signs. The following signs are required when Contractor's Operations are in progress adjacent to or on Forest Service controlled roads and trails:

<u>MINIMUM LETTER SIZE AND LEGEND</u>	<u>MINIMUM SIZE AND SHAPE</u>	<u>WHEN AND WHERE REQUIRED</u>
1. LOGGING OPERATIONS NEXT 0.0MILES (4" letters)	24" (rectangle) 36"	Min. 100 ft. outside of any continuous work areas, on roads listed in K-F.3.1# and trails listed in Part II.
2. LOGGING OPERATIONS (3" letters)	24" (diamond) 24"	To be used in conjunction with "Logging Operations Next 2.0 Miles" and where work area is not continuous.
3. FOR LOGGING USE ONLY (3" letters)	24" (diamond) 24"	Required where roads listed in K-F.3.1# and temporary roads intersect with K-F.3.1# roads. Install a cross ditch to discourage use when sign is covered or removed for extended periods.
4. TRUCKS (4" letters)	24" (diamond) 24"	At critical intersections on roads listed in K-F.3.1# when traffic is heavy or otherwise exceeds volumes stated in Part II below. Remove or cover when the sign is not applicable.
5. END LOGGING OPERATIONS (4" letters)	24" (rectangle) 36"	Use in conjunction with "Logging Operations Next 2.0 Miles" and "Logging Operations."
6. TREE FELLING AHEAD (3" letters)	24" (diamond) 24"	Required 200 feet in advance of danger area where timber is being felled adjacent to all roads, including temporary roads, and trails.
7. ROAD MACHINERY AHEAD (3" letters)	24" (diamond) 24"	Required at least 200 feet in advance of Contractor road maintenance operations on roads listed in Schedule K-F.3.1#.

TRAFFIC CONTROL PLAN AND SPECIFICATIONS - G.3.3 Safety (continued)

All signs shall meet requirements as specified in Parts I and VI of the Manual of Uniform Traffic Control Devices (MUTCD).

Sign borders and lettering shall be black. Borders are 1/2 inch wide, inset 1/2 inch from outside edge of sign. All sign backgrounds shall be orange, except signs #1 and 5 which shall be reflectorized orange.

Signs shall be installed on posts, with a 5 foot minimum ground clearance, or on temporary supports complying with MUTCD standards.

All signs are to be removed or covered when operations are interrupted for seasonal nonuse or other extended periods.

Contractor shall furnish flag personnel and advance warning signs when cable or helicopter logging above roads or trails, felling adjacent to roads or trails, where logs being bucked may roll into roads or trails, and in areas where fallout from blasting may occur. On roads listed in KT-FT.3.1# and temporary roads, Contractor may temporarily block the road in lieu of furnishing flag personnel.

(b) Barricades. On roads listed in K-F.3.1#, if Contractor's Operations cause the traveled way or road shoulders to be constricted overnight, or longer, by such obstructions as decked logs, parked equipment, or piled slash, Contractor shall place barricades on both sides of the encroaching obstruction to safely channel traffic around such obstructions. Barricades shall remain in place until the obstruction is removed.

Barricades shall be Type II and meet specifications in MUTCD, Part VI. Barricades must be at least 3 feet high. Rails must be at least 2 feet long. Striping shall be alternating orange and white, sloping at a 45 degree angle, and reflectorized. For rails 2 feet to 3 feet long, striping shall be 4 inches wide. For rails longer than 3 feet, striping shall be 6 inches wide. Two rails, 8-12 inches in width, must face each direction.

Barricades shall be equipped with warning lights which shall be Type A low intensity flashing and shall be maintained so as to be capable of being visible on a clear night from a distance of 3,000 feet.

(c) Other Traffic Control Methods. The posting of CB channel signs may be authorized.

On roads listed in K-F.3.1#, Contractor may be authorized to install temporary gates, barricades (except cables), or natural barriers. The devices must be installed with the necessary hazard markers, be reasonably passable by Forest Service, and be removed prior to acceptance of the subdivision being served by the road.

TRAFFIC CONTROL PLAN AND SPECIFICATIONS - G.3.3 SAFETY (continued)

Part II. Specific Requirements:

Sign #1 - Logging Operations Next 2.0 miles will be posted at the junction of Chiwawa River Road(6200) and Meadow Creek(6300); Logging Operations Next 2.2 Miles at junction of 6300 and 6305 (Pole Ridge); Logging Operations Next 1.0 Mile at junction 6202 and 6200; Logging Operations Next 1.6 Miles at junction 6601(BPA Powelines)and River Road and Logging Operations Next 1.0 Mile at junction of 6604 and S.R.207.

Sign #3 - "For Logging Use Only" post at intersections of 6305 (Pole Ridge) and 6305311; 6305 and temp road to Subdivision 5; 6305 and 6305331; 6300 (Meadow Creek) and 6300140 (Subdivision 2); 6300 and 6300131 (Subdivisions 10,13); 6300 and 6300135 (Subdivisions 7,9); 6604 and 6604111 Subdivision 20; 6601 and 6601210 (Subdivisions 21,22).

Sign #4 - "Trucks" will be posted when log haul begins. Post at junction of Chiwawa River Road(6200) and the junction with Chiwawa Loop Road, junction of 6200 and 6300 (Meadow Creek); junction of 6300 and 6305 (Pole Ridge); junction 6601 and River Road and junction 6604 and S.R. 207.

Sign #5 - "End Logging Operations" will be placed at the same locations as Sign 1 but face the opposite direction.

Sign #6 - "Tree Falling Ahead" is required 200 feet in advance of cutting operations in units 1,2,10 along 6300(Meadow Creek); 200 feet in advance of unit 12 along 6305311; 200 feet in advance of units 9,10,13 adjacent to 6300131; 200 in advance of units 3,4 on 6305331; 200 feet in advance of unit 21 on 6601 and 200 feet in advance of units 21,22 along 6601210.

Sign #7 - "Road Machinery Ahead" will be required 200 feet in advance of road maintenance activities on 6200,6300,6305, 6604 and 6601 roads.

All Signs described within this section shall meet U.S.Department of Transportation MUTCD retro reflectivity standards for operations conducted before dawn or after dusk.

Contractor and Forest Service agree to the above stated requirments of the Traffic Control Plan:

_____ Name	_____ Name
_____ Title	_____ Title
_____ Date	_____ Date